

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer system, comprising:
an ~~equipped~~ inverter configured to provide driving currents for each installed vendor display type of a plurality of display types;
checking means for identifying vendor display ~~type types of an~~ at least two installed ~~display displays~~; and
brightness control means for matching brightness control information corresponding to the vendor display ~~type types of the~~ at least two installed ~~display displays~~ among preset brightness control information for each of the plurality of display types, wherein the brightness control information is used to control the brightness of the at least two installed ~~display displays~~ according to the driving currents provided by the inverter such that the at least two displays have an equal brightness.
2. (Currently Amended) An apparatus for driving a plurality of displays, comprising:
driving means for providing driving currents to the plurality of display types of the displays, wherein the driving means outputs each of the driving currents corresponding to each display type such that a brightness level of each of the display types ~~are equally controlled equal~~;

checking means for checking inherent control information of at least ~~one~~ two of the displays;

output means for confirming a brightness control information corresponding to the inherent control information of a type of the at least ~~one~~ two checked ~~display~~ displays among preset brightness control information for each of the plurality of displays to output information to control brightness of the at least ~~one~~ two checked ~~display~~ displays; and

conversion means for supplying ~~an~~ information to the driving means to drive the at least ~~one display~~ two displays at a same brightness based on the output information of the output means.

3. (Currently Amended) The apparatus according to claim 2, further comprising means for identifying power modes used in ~~a system or the~~ at least ~~one~~ two checked ~~display~~ displays and outputting signals corresponding to the identified power modes.

4. (Original) The apparatus according to claim 3, further comprising memory means for storing the inherent control information of the displays.

5. (Currently Amended) The apparatus according to claim 4, further comprising:
input means for varying the brightness of one of the display at least two checked displays; and

input means-control means for outputting a corresponding signal to the input information of the input means, wherein the output information of the output means is a voltage signal or a pulse width modulation signal.

6. (Currently Amended) The apparatus according to claim 5, wherein the memory means, the output means and the input means-control means are made in ~~the~~a form of one chip.

7. (Original) The apparatus according to claim 4, wherein the output means is one of a system BIOS and a microcomputer.

8. (Currently Amended) A method for driving a plurality of displays, the method comprising:

determining a plurality of different prescribed brightness control informations by driving the plurality of ~~display types~~displays using variable driving currents to respectively achieve a ~~single~~ set of a plurality of different brightness levels for each of the plurality of displays;

confirming inherent control information of ~~a display intended to use~~ at least two displays;

retrieving the brightness control information corresponding to the confirmed ~~display~~ displays among the prescribed brightness control informations; and

variably controlling the brightness of the corresponding ~~display~~ displays by using the retrieved brightness control information such that the at least two displays have a same brightness.

9. (Currently Amended) The method according to claim 8, wherein the ~~one or more~~ brightness control ~~information is~~ informations are stored in advance to correspond to the inherent control information of display types of the displays.

10. (Currently Amended) The method according to claim 9, wherein the ~~one or more~~ brightness control ~~information is~~ informations are stored to be identified depending on supply sources of power, and wherein the plurality of different prescribed brightness control informations are determined using a single inverter ~~type~~.

11. (Currently Amended) The method according to claim 10, wherein the output of the brightness control information comprises at least one of a voltage signal and a PWM (pulse width modulation (PWM) signal, wherein the supply sources of power include an adaptor ~~and or~~ a battery, wherein the displays are mounted in a portable computer during manufacturing, and wherein the displays are LCDs.

12. (Original) The method according to claim 11, wherein the brightness of the corresponding display is controlled by variably outputting a driving current of the display according to output information of the brightness control information.

13. (Currently Amended) The method according to claim 8, wherein ~~the confirming the inherent control information comprises when the display is equipped,~~ checking an identification information of the confirmed display and providing the checked identification information to a system BIOS, and wherein the retrieved brightness control information comprises brightness control values depending on kinds of displays (~~LCDs~~) stored in a memory at a system BIOS, and wherein the variably controlling comprises generating the retrieved brightness control information using at least one of the identification information and the brightness control values.

14. (Currently Amended) The method according to claim 8, wherein the confirming and the retrieving comprises:

storing brightness information for a specific display in a memory;

storing in the memory one or more correcting coefficients for ~~respective remaining ones of the plurality of~~ displays corresponding to the brightness information for the specific display; and

applying the correcting coefficient for the confirmed display using the brightness information to output the brightness control information.

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15. (Currently Amended) A method for driving a plurality of displays, the method comprising:

providing an inverter for outputting driving currents to a plurality of displays;

generating brightness control information suitable for ~~one or more display~~ characteristics of each of the plurality of displays used with the inverter;

storing the generated brightness control information ~~correlated with a self-information of a corresponding display~~ corresponding to self-information of each of the plurality of displays;

checking a power source in use to set the generated brightness control information according to the checked power source;

identifying kinds of the displays based on the self-information of ~~at least one display~~ each of the displays in use;

outputting the brightness control information of the corresponding ~~display~~ displays based on the self-information about the kinds of the ~~at least one identified display~~ displays in use and the information about the checked power source to the inverter; and

controlling the brightness of the ~~at least one display~~ displays in use using the inverter based on the outputted brightness control information, wherein the inverter outputs each of the driving currents corresponding to each kind of display such that a brightness level of ~~each of the kinds of displays are equally controlled~~ equal.

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16. (Currently Amended) A method for driving a plurality of displays, the method comprising:

interfacing with ~~a display intended to use displays~~ to confirm ~~an inherent~~ information of the corresponding ~~display displays~~;

correcting brightness control information, which is stored in advance for a plurality of vendor display types of the displays using an inverter, based on the confirmed inherent information of the ~~display displays~~; and

variably controlling the brightness of the corresponding ~~display displays~~ using the inverter based on the corrected brightness control information, wherein the inverter outputs driving currents corresponding to each vendor display type such that ~~the brightness levels of the vendor display types are equally controlled of the displays are equal~~.

17. (Currently Amended) The method according to claim 16, wherein the correcting ~~step of the brightness control information~~ is performed at different correcting values according to supply sources of power coupled for use, and wherein the variably controlling ~~step initially~~ controls the brightness of the corresponding ~~display displays~~ to match a prescribed brightness level of 150 nits.

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18. (Currently Amended) A method for driving a plurality of displays, the method comprising:

determining brightness levels of the plurality of displays when respectively provided with a plurality of driving currents as brightness control information for each of the displays;

storing brightness control information for a specific display of the plurality of displays in a memory;

storing in the memory one or more correcting coefficients for ~~respective other~~ ones of the displays corresponding to the brightness control information for the specific display;

~~when a display is equipped,~~ identifying a corresponding display by using inherent information of each display of the plurality of displays, and applying the correcting coefficient for the identified display using the brightness control information to output brightness information; and

controlling brightness of the ~~equipped-identified~~ display by using the brightness information ~~by using driving currents~~ for the specific display and the correcting coefficient for the identified display.

19. (Currently Amended) The method according to claim 18, wherein the specific brightness control information includes brightness information of one or more display types, and wherein the plurality of displays are provided driving currents by a single ~~equipped~~ inverter.

20. (Currently Amended) The method of claim 18, wherein the specific brightness control information is for a generalized display type or a generic display type, and wherein the displays are LCDs.

21. (Currently Amended) A computer system, comprising:
a ~~two display device devices~~ installed in the computer system;
a controller configured to determine brightness control information corresponding to a display type of ~~the each~~ installed display device among preset brightness control information for each of a plurality of installable display types for driving the two display device devices; and

a driving device equipped in the computer system configured to connect with and provide driving currents to each of the plurality of installable display types, wherein the driving device outputs each of the driving currents corresponding to ~~said each of the installable display types~~ the two display devices such that a brightness level of the ~~installable display types~~ are equally controlled two display devices are equal.

22. (Currently Amended) The computer system of claim 21, wherein the display type is a manufacturing vendor, and wherein each of the display types are provided a set of different brightness levels for a single set of driving currents.

23. (Canceled)